

PERFORMANCE SPECIFICATION SHEET

CAPACITORS, FIXED, ELECTROLYTIC (NONSOLID ELECTROLYTE), TANTALUM
(POLARIZED, SINTERED SLUG), (EXTENDED RANGE), 85°C (VOLTAGE DERATED TO 125°C),
ESTABLISHED RELIABILITY, STYLE CLR81

This amendment forms a part of MIL-PRF-39006/25B, dated 17 April 2002, and is approved for
use by all Departments and Agencies of the Department of Defense.

PAGE 3

Thermal shock: After Number of cycles: delete "300 for qualification and group C; 30 for group B." and replace with
"In accordance with MIL-PRF-39006, the following shall apply."

PAGE 4

In table , line 30, column 3, beside 820 uf, 15 volt, change ± 20 to ± 10 .

PAGE 6

Footnote 4, add the following sentence after deleted.: The acquiring activity may substitute an "H"
designated part in place of a non "H" designated part at their option. Also in footnote 4 change 51 g's to
53.79 g's

Table I, column 6, Dissipation factor (max) percent, lines 1 - 4 change:

From: 37.0	To: 24.4
37.0	24.4
24.4	37.0
24.4	37.0

PAGE 7

Table II, column 2, last line currently reads ≤ 66 percent $\frac{2}{3}$ $\frac{3}{4}$. Change Table II column 2, last line to read $66 \frac{2}{3}$
percent without footnotes.

PAGE 10

Resistance to soldering heat: change from condition "G" to condition "C".

After Marking: and after Example: but before Voltage groups insert the following: "Polarity: Series of plus (+)
symbols encircling positive end (see figure 1)."

After voltage groups add the following: "Substitution of H designated parts for non H designated parts: The
acquiring activity may substitute an H designated part in place of a non H designated part at their option."

Custodians:
Army - CR
Navy - EC
Air Force - 11
DLA - CC

Preparing activity:
DLA - CC

(Project 5910-2207-02)

Review activities:
Navy - AS, MC, OS
Air Force - 19